

SIDE BAR LOCK DEVICE

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Abstract

PURPOSE: To increase the strength against the illegal rotation and sharply improve the robbery prevention effect by providing a tumbler groove and a hooking groove where a tumbler and a side bar can be protruded on a case.

CONSTITUTION: A tumbler groove 12 and a hooking groove 13 communicated to a storing hole 11 are provided on the case 14 of a side bar lock device 10; a tumbler 19 and a side bar 21 are protruded in these grooves 12 and 13 when a key 30 is not inserted, the rotation of a key cylinder 17 is prevented. When the key 30 is inserted, the key 30 is inserted into the key hole 18 of the tumbler 19, the tumbler 19 and the side bar 21 are moved to the retracted position where they are not protruded from the key cylinder 17, thus the key 30 can be rotated to the unlocking position. The strength against the illegal rotation of the key cylinder 17 is sharply increased by the shear strength of the side bar 21 and the tumbler 19.

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